**Minutes of CEPC Accelerator meeting**

2015.7.17

**Place**: Room C407, Main building, IHEP

**Convener**: Jie Gao

**Attendee**: Jie Gao, Chuang Zhang, Yuan Zhang, Yuanyuan Guo, Xiaohao Cui, Yiwei Wang, Sha Bai, Feng Su, Dou Wang, Tianjian Bian, Ming Xiao, Yuemei Peng, Zhe Duan (IHEP);

Wei Gai (Tsinghua University).

**Recorder**：Dou Wang

**Summary of minutes：**

* 1. Yiwei Wang gave a summary for CEPC final focus design with 1.5m L\*. The key points are as follows:

1. Introduce common structure and figure of merit for CEPC final focus.
2. How to correct higher order nonlinearity.
3. Make a comparison/summary of several existing version of CEPC final focus.

Prof. Jie Gao’s suggestions: 1) add the versions of arc lattice used in the dynamic aperture study. 2) add date to the name of FFS lattice. 3) add the nature chromaticity for each FFS lattice.

Prof. Chuang Zhang’s suggestions: 1) add the dynamic aperture result with FFS only.

* 1. Zhe Duan introduced some considerations about how to realized polarized e-/e+ beam on CEPC, including the process of polarization generation and depolarization, and also the possibility of adding Siberia snake and spin rotator.
  2. Discussion:

1) Prof. Wei Gai suggested to have next meeting on the middle of this October to continue the discussion of CEPC polarized source.

2) Prof. Wei Gai suggested Zhe Duan treat the topic of CEPC polarization beam as a long term study.

3) Xiaohao Cui will send the update of CEPC timing study to Prof. Wei Gai and Prof. Jie Gao.

Recorder：Dou Wang

Checkup：Jie Gao

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